

#2

Sheet 1 of 1

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 1293.1059-CIP2D4	APPLICATION NO. Unassigned
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				FIRST NAMED INVENTOR Jung-wan KO et al.	
				FILING DATE August 13, 2001	GROUP ART UNIT Unassigned
1C 509/92749 S PRO 08/13/01					

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>hr</i>	AA	5,617,385	4/1/97	Lee et al.	369	—	
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
<i>hr</i>	AG	EP0 465 246 A2	1/8/92	Europe	—	—	
<i>hr</i>	AH	EP0 718 845 A2	6/26/96	Europe	—	—	
<i>hr</i>	AI	EP0 738 999 A2	10/23/96	Europe	—	—	
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	
AN	

EXAMINER <i>Huy Nguyen</i>	DATE CONSIDERED <i>4/1/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

LIST OF COPENING APPLICATIONS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059 CIP2D4	09/927,496
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
FILING DATE	GROUP ART UNIT	
August 13, 2001	2615	

*APR 03 2002
PATENT & TRADEMARK OFFICE*

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

RECEIVED

APR 05 2002

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>JW</i>	1	09/263,816	3/8/99	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	2	09/583,877	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	3	09/923,322	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	4	09/923,323	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	5	09/924,094	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	6	09/923,361	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	7	09/583,876	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	8	09/927,500	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	9	09/927,495	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	10	09/927,494	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	11	09/927,491	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	12	09/923,401	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	13	09/923,400	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	14	09/923,399	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
<i>JW</i>	15	09/923,321	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.

EXAMINER *Jung-wan KO* DATE CONSIDERED *4/11/02*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059 CIP2D4	APPLICATION NO. 09/927,496
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Jung-wan KO et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2615

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						

RECEIVED

APR 09 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
AG	JP 8-339194	12/24/96	Japan	—	—	abstract only
AH	JP 8-227577	9/3/96	Japan	—	—	abstract only
AI	JP 4-67490	3/3/92	Japan	—	—	abstract only
AJ						
AK						
AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	
AN	

EXAMINER <i>Jung-wan KO</i>	DATE CONSIDERED <i>4/11/06</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 1 of 2

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. 1293.1059CIP2D4	APPLICATION NO. 09/927,496
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>			FIRST NAMED INVENTOR Jung-wan KO et al.	
			FILING DATE August 13, 2001	GROUP ART UNIT 2615

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>M</i>	AA	5,889,746	3/1999	Moriyama et al.			RECEIVED
<i>M</i>	AB	6,381,403	4/2002	Tanaka et al.			MAY 30 2003
<i>M</i>	AC	6,449,227	9/2002	Heo, Jung-Kwon			Technology Center 2600
<i>M</i>	AD	6,272,082	8/2001	Ishii et al.			
<i>M</i>	AE	6,219,488	4/2001	Mori et al.			
<i>M</i>	AF	5,131,311	7/1992	Murakami et al.			
<i>M</i>	AG	6,385,387	5/2002	Tanaka et al.			
<i>M</i>	AH	5,778,142	7/1998	Taira et al.			
<i>M</i>	AI	6,392,969	5/2002	Heo, Jung-Kwon			
<i>M</i>	AJ	6,208,802	3/2001	Mori et al.			
<i>M</i>	AK	5,963,704	10/1999	Mimura et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION YES NO

AM		

EXAMINER <i>Jung-wan KO</i>	DATE CONSIDERED <i>4/11/06</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 2 of 2

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D4	APPLICATION NO. 09/927,496
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Jung-wan KO et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2615

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>Ar</i>	BA	5,654,516	8/1997	Tashiro et al.	—	—	
<i>M</i>	BB	6,125,232	9/2000	Taira et al.	—	RECEIVED	
<i>N</i>	BC	6,222,983	4/2001	Heo, Jung-Kwon	—	MAY 30 2003	
<i>M</i>	BD	6,067,282	5/2000	Moriyama et al.	—	Technology Center 2600	
<i>M</i>	BE	5,863,206	1/1999	Narusawa et al.	—	—	
<i>M</i>	BF	6,198,877	3/2001	Kawamura et al.	—	—	
<i>M</i>	BG	5,703,308	12/1997	Tashiro et al.	—	—	
<i>M</i>	BH	5,734,788	3/1998	Nonomura et al.	—	—	
<i>M</i>	BI	5,687,160	11/1997	Aotake et al.	—	—	
<i>M</i>	BJ	6,289,166	09/2001	Uno et al.	—	—	
<i>M</i>	BK	6,381,403	4/2002	Tanaka et al.	—	—	
<i>M</i>	BL	5,863,206	1/1999	Narusawa et al.	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	BM						

EXAMINER <i>Jung-wan Ko</i>	DATE CONSIDERED <i>4/11/03</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


ATTACHMENT 1(f)

LIST OF COPENDING APPLICATIONS	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D4	09/927,496
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2615

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>JW</i>	1	10/625,735	07/24/03	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
	2				RECEIVED
	3				<i>JUL 01 2004</i>
	4				<i>Technology Center 2600</i>
	5				
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
<i>Dayne</i>	<i>11/10/04</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 1 of 1

APPLICATION NO.

09/927,496

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D4
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Jung-wan KO et al.
		FILING DATE August 13, 2001
		GROUP ART UNIT 2616

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>JK</i>	AA	5,884,004	3/16/99	Sato et al			
<i>JK</i>	AB	6,567,371	5/20/03	Otomo			RECEIVED
	AC						JUL 22 2004
	AD						Technology Center 2600
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
<i>JK</i>	AG	08-272541	10/18/96	Japan	—	—	Abstract only
<i>JK</i>	AH	11-213569	8/6/99	Japan	—	—	Abstract only
<i>JK</i>	AI	97/13366	4/10/97	WO	—	—	Abstract only
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

	AM			
--	----	--	--	--

EXAMINER <i>Jung-wan KO</i>	DATE CONSIDERED <i>4/11/08</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

BEST AVAILABLE COPY

**ATTACHMENT 1(e)**

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1293.1059CIP2D	09/927,496
	FIRST NAMED INVENTOR	
	Jung-wan KO et al.	
	FILING DATE	GROUP ART UNIT
	August 13, 2001	2616

PN M/1/06
U.S. Patent No. 6,567,371 corresponds to Japanese Publication No. 11-213569

U.S. Patent No. 5,884,004 corresponds to WO97/13366

RECEIVED

JUL 22 2004

Technology Center 2600

BEST AVAILABLE COPY



Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1293.1059CIP2D4

APPLICATION NO.

09/927,496

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Jung-wan KO et al.

FILING DATE

August 13, 2001

GROUP ART UNIT

2616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>PR</i>	AA	5,555,098	09/1996	Parolsky	—	—	
<i>PR</i>	AB	5,778,142	7/1998	Taira et al.	—	—	
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
<i>PR</i>	AG	6-20443	01/1994	Japan	— —	X
<i>PR</i>	AH	8-263969	10/1996	Japan	— —	X
	AI					
	AJ					
	AK					
	AL					

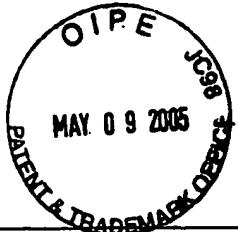
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION YES NO

AM		
----	--	--

EXAMINER	DATE CONSIDERED
<i>John Wren</i>	<i>4/11/06</i>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**ATTACHMENT 1(e)**

APPLICATION NO.

ATTORNEY DOCKET NO.

1293.1059CIP2D4

FIRST NAMED INVENTOR

Jung-wan KO et al.

FILING DATE

August 13, 2001

09/927,496

GROUP ART UNIT

2616

**EXPLANATIONS OF RELEVANCY
OF REFERENCES**

W/W 4/1/06
U.S. Patent 5,555,098 corresponds to JP 6-20443.

U.S. Patent 5,778,142 corresponds to JP 8-263969

WO 97/13366 and JP8-272541 are references in Office Action but were previously submitted.



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D4	APPLICATION NO. 09/927,496
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Jung-wan KO et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
	AG					
	AH					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO
<i>AM</i>	AM	Japanese Office Action from Japanese Divisional Application No. 2002-199243.	
<i>AN</i>	AN	Japanese Office Action from Japanese Divisional Application No. 2002-199244.	

EXAMINER <i>Jung-wan KO</i>	DATE CONSIDERED <i>4/11/06</i>
--------------------------------	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(e)

ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D4	09/927,496
FIRST NAMED INVENTOR	
Jung-wan KO et al.	
FILING DATE	GROUP ART UNIT
August 13, 2001	2616

**EXPLANATIONS OF RELEVANCY
OF REFERENCES**

On 4/11/02
JP 6-20443, JP 8-263969, WO 97/13366 and JP8-272541 are references in Office Actions but were previously submitted.



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1293.1059CIP2D4	APPLICATION NO. 09/927,496
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Jung-wan KO et al.	
		FILING DATE August 13, 2001	GROUP ART UNIT 2616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>JK</i>	AA	6,148,138	11/2000	Sawabe et al.	—	—	
<i>JK</i>	AB	5,555,098	10/1996	Parulski	—	—	
<i>JK</i>	AC	5,902,115	05/1999	Katayama	—	—	
	AD						
	AE						
	AF						

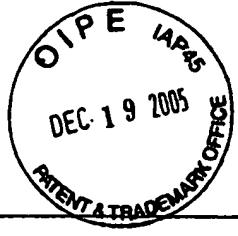
FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
<i>JK</i>	AG	JP 06-20443	01/1994	Japan	— —	X
<i>JK</i>	AH	JP 08-339194	12/1996	Japan	— —	X
<i>JK</i>	AI	JP 09-252450	09/1997	Japan	— —	X
	AJ					
	AK					
	AL					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

				TRANSLATION YES NO
<i>JK</i>	AM	Office Action issued in Japanese Patent Divisional Application No. 2002-199241 on October 18, 2005.		X

EXAMINER <i>Jung-wan KO</i>	DATE CONSIDERED <i>4/1/06</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)****EXPLANATIONS OF RELEVANCY
OF REFERENCES**

ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D4	09/927,496
FIRST NAMED INVENTOR	
Jung-wan KO et al.	GROUP ART UNIT
FILING DATE	
August 13, 2001	2616

*Reference AA (6,148,138) is substantially equivalent to Reference AI (JP 09-252450).

*Reference AB (5,555,098) is substantially equivalent to Reference AG (JP 06-20443).

*Reference AC (5,902,115) is substantially equivalent to Reference AH (JP 08-339194).